Rev. 1/16/01 Effective March 1998

## DECLARATION AND POWER OF ATTORNEY FOR U. S. PATENT APPLICATION

f which is described and claimed in:  () the attached specification, or  () the specification in the application Serial No	Title	e: COMMUNICATIONS TERM	MINAL		
the attached specification, or the specification in the application Serial No	of w	which is described and claimed in:			
and with amendments through					
and with amendments through	) tł	he specification in the application Se	erial No.	filed	;
hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by mendment(s) referred to above.  acknowledge my duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined and Title 37, Code of Federal Regulations, §1.56.  Thereby claim priority benefits under Title 35, United States Code, §119 (and §172 if this application is for a Design) of any application pratent or inventor's certificate listed below and have also identified below any application for patent or inventor's certificate having a fate before that of the application on which priority is claimed:  COUNTRY  APPLICATION NO.  DATE OF FILING PRIORITY CLAIMED	_		(°C .	1* 7.1	
hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by mendment(s) referred to above.  acknowledge my duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined at Title 37, Code of Federal Regulations, §1.56.  Thereby claim priority benefits under Title 35, United States Code, §119 (and §172 if this application is for a Design) of any application pratent or inventor's certificate listed below and have also identified below any application for patent or inventor's certificate having a fact before that of the application on which priority is claimed:  COUNTRY  APPLICATION NO.  DATE OF FILING PRIORITY CLAIMED	) th	he specification in International App	f applicable)	, filed, an	d as amended
acknowledge my duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined to Title 37, Code of Federal Regulations, §1.56.  The state of the patent and Trademark Office all information known to me to be material to patentability as defined to the patental Regulations, §1.56.  The state of the patent of the patent and Trademark Office all information known to me to be material to patentability as defined to the patental Regulations, §1.56.  The state of the patental to patentability as defined to the patental Regulation of the patental to patentability as defined to the patental Regulation of the patentability as defined to the patental Regulation of the patentability as defined to the patentab		011 (1	i applicable).		
acknowledge my duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined to Title 37, Code of Federal Regulations, §1.56.  The state of the patent and Trademark Office all information known to me to be material to patentability as defined to the patental Regulations, §1.56.  The state of the patent of the patent and Trademark Office all information known to me to be material to patentability as defined to the patental Regulations, §1.56.  The state of the patental to patentability as defined to the patental Regulation of the patental to patentability as defined to the patental Regulation of the patentability as defined to the patental Regulation of the patentability as defined to the patentab	her	reby state that I have reviewed and un	nderstand the contents of the above-identified	d specification, including the cla	ims, as amended by
hereby claim priority benefits under Title 35, United States Code, §119 (and §172 if this application is for a Design) of any application patent or inventor's certificate listed below and have also identified below any application for patent or inventor's certificate having a fate before that of the application on which priority is claimed:  COUNTRY  APPLICATION NO.  DATE OF FILING PRIORITY CLAIMED		J			=
hereby claim priority benefits under Title 35, United States Code, §119 (and §172 if this application is for a Design) of any application patent or inventor's certificate listed below and have also identified below any application for patent or inventor's certificate having a fate before that of the application on which priority is claimed:  COUNTRY  APPLICATION NO.  DATE OF FILING PRIORITY CLAIMED					
hereby claim priority benefits under Title 35, United States Code, §119 (and §172 if this application is for a Design) of any application patent or inventor's certificate listed below and have also identified below any application for patent or inventor's certificate having a fate before that of the application on which priority is claimed:  COUNTRY  APPLICATION NO.  DATE OF FILING PRIORITY CLAIMED	ack	knowledge my duty to disclose to the	Patent and Trademark Office all informatio	n known to me to be material to	patentability as de
hereby claim priority benefits under Title 35, United States Code, §119 (and §172 if this application is for a Design) of any application patent or inventor's certificate listed below and have also identified below any application for patent or inventor's certificate having a fate before that of the application on which priority is claimed:  COUNTRY  APPLICATION NO.  DATE OF FILING PRIORITY CLAIMED	1 11	itie 37, Code of Federal Regulations	5, §1.56.		
or patent or inventor's certificate listed below and have also identified below any application for patent or inventor's certificate having a fate before that of the application on which priority is claimed:  COUNTRY  APPLICATION NO.  DATE OF FILING PRIORITY CLAIMED	her	reby claim priority benefits under Ti	itle 35 United States Code, \$110 (and \$172)	if this application is for a Design	n) of one annliastic
COUNTRY APPLICATION NO. DATE OF FILING PRIORITY CLAIMED	IICI	icoy clasin priority ocherits under 11	ide 33, Officer States Code, 3119 (and 3172)	ii uns application is for a Design	u) or any apprication
COUNTRY APPLICATION NO. DATE OF FILING PRIORITY CLAIMED	or n	patent or inventor's certificate listed h	elow and have also identified below any ann	lication for patent or inventor's c	ertificate having a f
- CLAIMED	or p ate	patent or inventor's certificate listed before that of the application on wh	below and have also identified below any application priority is claimed:	lication for patent or inventor's c	ertificate having a f
- CLAIMED	or p late	patent or inventor's certificate listed before that of the application on wh	pelow and have also identified below any applich priority is claimed:	lication for patent or inventor's c	ertificate having a f
	or p late	before that of the application on wh	nich priority is claimed:	1	
Japan 2001-11253 January 19, 2001 Yes	or p late	before that of the application on wh	nich priority is claimed:	1	PRIORITY
	or p	before that of the application on wh	nich priority is claimed:	DATE OF FILING	PRIORITY CLAIMED
	or p	country	APPLICATION NO.	DATE OF FILING	PRIORITY CLAIMED
	or p	country	APPLICATION NO.	DATE OF FILING	PRIORITY CLAIMED
	or p	country	APPLICATION NO.	DATE OF FILING	PRIORITY CLAIMED
	or p	country	APPLICATION NO.	DATE OF FILING	PRIORITY CLAIMED
	or p	country	APPLICATION NO.	DATE OF FILING	PRIORITY CLAIMED
	or plate	country	APPLICATION NO.	DATE OF FILING	PRIORITY CLAIMED
	or p	country	APPLICATION NO.	DATE OF FILING	PRIORITY CLAIMED
	or plate	country	APPLICATION NO.	DATE OF FILING	PRIORITY CLAIMED
	ate	COUNTRY  Japan	APPLICATION NO.  2001–11253	January 19, 20	PRIORITY CLAIMED 01 Yes
hereby claim the benefit under Title 35, United States Code \$120 of any United States application(s) listed below and, insofar as the sub- atter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the	ate	COUNTRY  Japan  Teby claim the benefit under Title 35,	APPLICATION NO.  2001–11253  United States Code §120 of any United States	January 19, 20	PRIORITY CLAIMED  O1 Yes  d, insofar as the sul
atter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the	hermatte	COUNTRY  Japan  Teby claim the benefit under Title 35, er of each of the claims of this app	APPLICATION NO.  2001–11253  United States Code §120 of any United Statelication is not disclosed in the prior United	DATE OF FILING  January 19, 20  es application(s) listed below an States application in the manne	PRIORITY CLAIMED  O1 Yes  d, insofar as the suler provided by the
atter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the aragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information material to patentability as defined in T	here	COUNTRY  Japan  Teby claim the benefit under Title 35, er of each of the claims of this app graph of Title 35, United States Cod	APPLICATION NO.  2001–11253  Quantity is claimed:  APPLICATION NO.  2001–11253  Quantity is claimed:  APPLICATION NO.  2001–11253	DATE OF FILING  January 19, 20  es application(s) listed below an States application in the manne information material to patentab	PRIORITY CLAIMED  O1 Yes  d, insofar as the suler provided by the ility as defined in
atter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the	hernatta	COUNTRY  Japan  Teby claim the benefit under Title 35, er of each of the claims of this app graph of Title 35, United States Code of Federal Regulations, §1.56 v.	APPLICATION NO.  2001–11253  Quantity is claimed:  APPLICATION NO.  2001–11253  Quantity is claimed:  APPLICATION NO.  2001–11253	DATE OF FILING  January 19, 20  es application(s) listed below an States application in the manne information material to patentab	PRIORITY CLAIMED  O1 Yes  d, insofar as the suler provided by the ility as defined in
atter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the aragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information material to patentability as defined in 7, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international	hernatta	COUNTRY  Japan  Teby claim the benefit under Title 35, er of each of the claims of this app graph of Title 35, United States Code of Federal Regulations, §1.56 v.	APPLICATION NO.  2001–11253  Quantity is claimed:  APPLICATION NO.  2001–11253  Quantity is claimed:  APPLICATION NO.  2001–11253	DATE OF FILING  January 19, 20  es application(s) listed below an States application in the manne information material to patentab	PRIORITY CLAIMED  O1 Yes  d, insofar as the suler provided by the ility as defined in
atter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the aragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information material to patentability as defined in 7, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international date of this application:	hermatte	reby claim the benefit under Title 35, er of each of the claims of this appgraph of Title 35, United States Code of Federal Regulations, §1.56 vg date of this application:	APPLICATION NO.  2001–11253  United States Code §120 of any United State dication is not disclosed in the prior United de §112, I acknowledge the duty to disclose in which occurred between the filing date of the	DATE OF FILING  January 19, 20  es application(s) listed below an States application in the manne information material to patentabe prior application and the nation	PRIORITY CLAIMED  01 Yes  d, insofar as the suler provided by the illity as defined in all or PCT internations.
atter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the aragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information material to patentability as defined in 7, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international	hernatta	reby claim the benefit under Title 35, er of each of the claims of this appgraph of Title 35, United States Code of Federal Regulations, §1.56 vg date of this application:	APPLICATION NO.  2001–11253  United States Code §120 of any United State dication is not disclosed in the prior United de §112, I acknowledge the duty to disclose in which occurred between the filing date of the	DATE OF FILING  January 19, 20  es application(s) listed below an States application in the manner information material to patentable prior application and the nation STATUS: PATE	PRIORITY CLAIMED  O1 Yes  d, insofar as the suler provided by the ility as defined in all or PCT internations.

And I hereby appoint Michael R. Davis, Reg. No. 25,134; Matthew M. Jacob, Reg. No. 25,154; Warren M. Cheek, Jr., Reg. No. 33,367; Nils Pedersen, Reg. No. 33,145; Charles R. Watts, Reg. No. 33,142; and Michael S. Huppert, Reg. No. 40,268, who together constitute the firm of WENDEROTH, LIND & PONACK, L.L.P., as well as any other attorneys and agents associated with Customer No. 000513, to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith.

I hereby authorize the U.S. attorneys and agents named herein to accept and follow instructions from OGASAWARA PATENT OFFICE as to

as to any action to be taken in the U.S.

Patent and Trademark Office regarding this application without direct communication between the U.S. attorneys and myself. In the event of a change in the persons from whom instructions may be taken, the U.S. attorneys named herein will be so notified by me.

Direct Correspondence to Customer No:



PATENT TRADEMARK OFFICE

Direct Telephone Calls to:

WENDEROTH, LIND & PONACK, L.L.P. 2033 "K" Street, N. W., Suite 800 Washington, D.C. 20006

> Phone: (202) 721-8200 Fax: (202) 721-8250

	I TOTAL TOTA			
Full Name of	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME	
First Inventor	INAMI	Satoshi		
Residence &	CITY	STATE OR COUNTRY	COUNTRY OF CITIZENSHIP	
Citizenship	Moriguchi	Japan	Japan	
Post Office	ADDRESS	CITY	STATE OR COUNTRY ZIP CODE	570-0031
Address	1-4-10-601, Ha	ashibahigashino-cho, B	Moriguchi-shi, Osaka-	-fu, Japan
Full Name of	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME	
Second Inventor	MIZUYAMA	Masashige		
Residence &	CITY	STATE OR COUNTRY	COUNTRY OF CITIZENSHIP	
Citizenship	Neyagawa	Japan	Japan	
Post Office	ADDRESS	CITY	STATE OR COUNTRY ZIP CODE	
Address		iminamimachi, Neyagaw		n 572_0019
LYUUI COO	JO-4-1104  114.	milliaminachi, neyagaw	a-siii, Osana-iu, bapa	11 3/2-0013
Addiess	50-4-1104 <b>,</b> 111.	пппаппасні, пеуадам	a-siir, Osaka-ru, bapa	III 372-0019
Full Name of	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME	11 372-0013
				11 372-0019
Full Name of Third Inventor	FAMILY NAME	FIRST GIVEN NAME		11 372-0013
Full Name of	FAMILY NAME KATO	FIRST GIVEN NAME Atsunobu	SECOND GIVEN NAME	11 372-0013
Full Name of Third Inventor Residence & Citizenship	FAMILY NAME KATO CITY	FIRST GIVEN NAME Atsunobu STATE OR COUNTRY	SECOND GIVEN NAME  COUNTRY OF CITIZENSHIP	11 372-0013
Full Name of Third Inventor Residence & Citizenship Post Office	FAMILY NAME KATO CITY Ebina ADDRESS	FIRST GIVEN NAME Atsunobu STATE OR COUNTRY Japan	SECOND GIVEN NAME  COUNTRY OF CITIZENSHIP  Japan  STATE OR COUNTRY  ZIP CODE	
Full Name of Third Inventor Residence & Citizenship	FAMILY NAME KATO CITY Ebina ADDRESS	FIRST GIVEN NAME Atsunobu  STATE OR COUNTRY Japan  CITY	SECOND GIVEN NAME  COUNTRY OF CITIZENSHIP  Japan  STATE OR COUNTRY  ZIP CODE	
Full Name of Third Inventor Residence & Citizenship Post Office	FAMILY NAME KATO CITY Ebina ADDRESS	FIRST GIVEN NAME Atsunobu  STATE OR COUNTRY Japan  CITY	SECOND GIVEN NAME  COUNTRY OF CITIZENSHIP  Japan  STATE OR COUNTRY  ZIP CODE	
Full Name of Third Inventor Residence & Citizenship Post Office Address	FAMILY NAME KATO  CITY Ebina  ADDRESS 7-1-302, Oya,	FIRST GIVEN NAME Atsunobu  STATE OR COUNTRY Japan  CITY Ebina-shi, Kanagawa-	SECOND GIVEN NAME  COUNTRY OF CITIZENSHIP  Japan  STATE OR COUNTRY  ZIP CODE  ken, Japan  243–04	
Full Name of Third Inventor Residence & Citizenship Post Office Address Full Name of	FAMILY NAME KATO  CITY Ebina  ADDRESS 7-1-302, Oya,	FIRST GIVEN NAME Atsunobu  STATE OR COUNTRY Japan  CITY Ebina-shi, Kanagawa-	SECOND GIVEN NAME  COUNTRY OF CITIZENSHIP  Japan  STATE OR COUNTRY  ZIP CODE  ken, Japan  243–04	
Full Name of Third Inventor  Residence & Citizenship  Post Office Address  Full Name of Fourth Inventor	FAMILY NAME KATO  CITY Ebina  ADDRESS 7-1-302, Oya,  FAMILY NAME	FIRST GIVEN NAME Atsunobu  STATE OR COUNTRY Japan  CITY Ebina-shi, Kanagawa-	SECOND GIVEN NAME  COUNTRY OF CITIZENSHIP Japan  STATE OR COUNTRY  ZIP CODE  Ken, Japan  SECOND GIVEN NAME	
Full Name of Third Inventor  Residence & Citizenship  Post Office Address  Full Name of Fourth Inventor  Residence & Citizenship	FAMILY NAME KATO  CITY Ebina  ADDRESS 7-1-302, Oya,  FAMILY NAME  CITY	FIRST GIVEN NAME Atsunobu  STATE OR COUNTRY Japan  CITY Ebina-shi, Kanagawa- FIRST GIVEN NAME  STATE OR COUNTRY	SECOND GIVEN NAME  COUNTRY OF CITIZENSHIP  Japan  STATE OR COUNTRY  ZIP CODE  Ken, Japan  243-04  SECOND GIVEN NAME  COUNTRY OF CITIZENSHIP	
Full Name of Third Inventor  Residence & Citizenship  Post Office Address  Full Name of Fourth Inventor  Residence &	FAMILY NAME KATO  CITY Ebina  ADDRESS 7-1-302, Oya,  FAMILY NAME	FIRST GIVEN NAME Atsunobu  STATE OR COUNTRY Japan  CITY Ebina-shi, Kanagawa-	SECOND GIVEN NAME  COUNTRY OF CITIZENSHIP Japan  STATE OR COUNTRY  ZIP CODE  Ken, Japan  SECOND GIVEN NAME	

Full Name of Fifth Inventor	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
Residence & Citizenship	CTTY	STATE OR COUNTRY	COUNTRY OF CITIZENSHIP
Post Office Address	ADDRESS	CITY	STATE OR COUNTRY ZIP CODE
Full Name of Sixth Inventor	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
Residence & Citizenship	CITY	STATE OR COUNTRY	COUNTRY OF CITIZENSHIP
Post Office Address	ADDRESS	CITY	STATE OR COUNTRY ZIP CODE
Full Name of Seventh Inventor	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
Residence & Citizenship	CITY	STATE OR COUNTRY	COUNTRY OF CITIZENSHIP
Post Office Address	ADDRESS	CITY	STATE OR COUNTRY ZIP CODE

I further declare that all statements made herein of my own knowledge are true, and that all statements on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

1st Inventor Xaloshi I nami		Date	January	8,	2002
2nd Inventor Masastige Mizersform	Satoshi INAMI Masashige MIZUYAMA				
3rd Inventor Attsunobu Rato	Masashige MIZUYAMA  Atsunobu KATO	_ Date	January	8,	2002
4th Inventor		_ Date			
5th Inventor		_ Date			
6th Inventor		_ Date			<del></del>
7th Inventor		_ Date			
The above application may be more particularly identified as follows:					
U.S. Application Serial No.	Filing Date				
Applicant Reference Number <u>FP-0949</u>	Atty Docket No				
Title of Invention COMMUNICATIONS TERMINAL		· · · · · · · · · · · · · · · · · · ·	**************************************		